

IN THE CLAIMS:

Amendments to the Claims:

Please amend claims 1-6 as shown below.

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A storage device ,system in a computer system having a plurality of superior devices and a plurality of storage device systems for receiving write-in data from at least one of the superior devices, comprising:

a physical storage device, ~~in response~~ responsive to a logical volume which is controlled so that identical data is saved across the plurality of storage device systems, for storing data on the logical volume;

a device for saving ~~such the time of~~ reception time ~~that the~~ on which write-in data was received from ~~the~~ a superior device;

a communication interface device for transmitting ~~the~~ write-in data addressed to the logical volume and a corresponding reception time to another storage device system and for receiving ~~the~~ write-in data and corresponding reception time from the storage device system; and

a data consistency holding control device for ~~controlling so as~~ effecting control to write write-in data which was received from the superior device and write-in data which was received through the communication interface device into the

physical storage device after ~~they are~~ such write-in data has been made to wait ~~on~~ in a temporary storage device for more than predetermined time from the reception time corresponding to the write-in data to the logical volume, so that, when write-in data which was received from the superior device and write-in data which was received through the communication interface device are written in an overlapped manner into the same storage location of the physical storage device, they are written in the order of the reception time thereof.

2. (currently amended) The storage device system as set forth Claim 1, wherein the storage device system further has a table in which the reception times corresponding to each write-in data which is waiting in the temporary storage device are arranged in the order from an older one, and a device for searching write-in data as to determine for which the data said more than predetermined time has passed from the reception time.

3. (currently amended) The storage device system- as set forth in Claim 1, wherein the storage device system further has a bit map table for setting a bit value to indicate whether or not each block of the write-in data exists in the temporary storage device ~~with a bit value~~, and a device for judging whether or not new write-in data is written in an overlapped manner into the same storage location as the other write-in data with reference to the bit map table.

4. (currently amended) The storage device system as set forth in Claim 1,

wherein the storage device system further has a device for receiving a request for locking a partial region of the logical volume from the superior device and for locking the partial region, a device for transmitting the locking request which was received through the communication interface device to the other storage device system, a device for receiving the locking request through the communication interface device from the other storage device system and for locking a designated partial region ~~designated~~, and a device for rejecting a request ~~of~~ for write-in of data from the superior device and the other storage device system to the partial region, except ~~such~~ for a case ~~that~~ in which it is a request from the superior device in which the partial region was locked.

5. (currently amended) A storage device system in a computer system having a plurality of superior devices and a plurality of storage device -systems for receiving write-in data from at least one of the superior devices, comprising:

a physical storage device, ~~in response~~ responsive to a logical volume which is controlled so that identical data is saved across the plurality of storage device systems, for storing data on the logical volume;

a device for saving ~~such~~ the time of reception time ~~that the~~ on which write-in data was received from ~~the~~ a superior device;

a communication interface device for transmitting ~~the~~ write-in data addressed to the logical volume and a corresponding reception time to another storage device system and for receiving ~~the~~ write-in data and corresponding reception time from the storage device system;

a table in which the reception times corresponding to each of write-in data from the superior device and write-in data from the other storage device system are arranged in ~~the~~ order from an older one; and

a data consistency holding control device for ~~controlling~~ effecting control with reference to the table ~~so as to write the write-in data to the logical volume as to for~~ which ~~the~~ more than a predetermined time has passed from the reception time into the physical storage device in the order of the older reception time.

6. (currently amended) The storage device system as set forth in Claim 5, wherein the storage device system further has a device for receiving a request for locking a partial region of the logical volume from the superior device and for locking the partial region, a device for transmitting the locking request which was received through the communication interface device to the other storage device system, a device for receiving the locking request through the communication interface device from the other storage device system and for locking a designated partial region ~~designated~~, and a device for rejecting a request ~~of for~~ write-in of data from the superior device and the other storage device system to the partial region, except ~~such for~~ a case ~~that in which~~ it is a request from the superior device in which the partial region was locked.